

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
AgB: Allegheny-----	4A	Slight	Slight	Slight	Slight	Severe	Virginia pine----- black oak----- black walnut----- eastern white pine-- northern red oak---- shortleaf pine----- sugar maple----- white ash----- white oak----- yellow-poplar-----	72 78 --- 90 80 80 --- --- 80 90	114.00 57.00 --- 172.00 57.00 129.00 --- --- 57.00 86.00	---
AgC: Allegheny-----	4A	Slight	Slight	Slight	Slight	Severe	Virginia pine----- black oak----- black walnut----- eastern white pine-- northern red oak---- shortleaf pine----- sugar maple----- white ash----- white oak----- yellow-poplar-----	72 78 --- 90 80 80 --- --- 80 90	114.00 57.00 --- 172.00 57.00 129.00 --- --- 57.00 86.00	---
CaC: Clymer-----	4A	Slight	Slight	Slight	Slight	Moderate	Virginia pine----- eastern white pine-- northern red oak---- white oak----- yellow-poplar-----	--- 90 80 80 90	--- 172.00 57.00 57.00 86.00	---
CDD: Clymer-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black cherry----- black walnut----- eastern white pine-- northern red oak---- yellow-poplar-----	--- --- 90 80 90	--- --- 172.00 57.00 86.00	---
Dekalb-----	3R	Moderate	Moderate	Moderate	Slight	Slight	Virginia pine----- chestnut oak----- eastern white pine-- hickory----- northern red oak----	--- --- --- --- 62	--- --- --- --- 43.00	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CDE: Clymer-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black walnut----- northern red oak---- white ash----- white oak----- yellow-poplar-----	--- 80 --- 80 90	--- 57.00 --- 57.00 86.00	---
Dekalb-----	3R	Moderate	Moderate	Moderate	Slight	Slight	Virginia pine----- chestnut oak----- eastern white pine-- hickory----- northern red oak----	--- --- --- --- 62	--- --- --- --- 43.00	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CDF: Clymer-----	4R	Severe	Severe	Slight	Slight	Moderate	Virginia pine----- eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	--- --- 80 --- 90	--- --- 57.00 --- 86.00	---

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
Dekalb-----	3R	Severe	Severe	Moderate	Slight	Slight	Virginia pine----- chestnut oak----- eastern white pine-- hickory----- northern red oak----	--- --- --- --- 62	--- --- --- --- 43.00	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CoB: Coolville-----	4C	Slight	Slight	Slight	Moderate	Severe	black oak----- eastern white pine-- northern red oak---- white oak----- yellow-poplar-----	70 90 70 70 80	57.00 172.00 57.00 57.00 72.00	---
CoC: Coolville-----	4C	Moderate	Slight	Slight	Moderate	Severe	black oak----- eastern white pine-- northern red oak---- white oak----- yellow-poplar-----	70 90 70 70 80	57.00 172.00 57.00 57.00 72.00	---
CrC3: Coolville-----	4C	Moderate	Slight	Moderate	Moderate	Severe	black oak----- eastern white pine-- northern red oak---- white oak----- yellow-poplar-----	70 90 70 70 80	57.00 172.00 57.00 57.00 72.00	---
Ct: Cotaco-----	4A	Slight	Slight	Slight	Slight	Moderate	Virginia pine----- black oak----- eastern white pine-- northern red oak---- sweetgum----- yellow-poplar-----	81 80 --- 80 --- 90	129.00 57.00 --- 57.00 --- 86.00	---
Melvin-----	---	---	---	---	---	---	---	---	---	---
Dm: Dumps-----	---	---	---	---	---	---	---	---	---	---
FL: Fluvaquents-----	---	---	---	---	---	---	---	---	---	---
Melvin-----	---	---	---	---	---	---	---	---	---	---
GlC: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	Virginia pine----- eastern white pine-- northern red oak---- white oak----- yellow-poplar-----	--- --- 70 70 80	--- --- 57.00 57.00 72.00	---
GlD: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	Virginia pine----- eastern white pine-- northern red oak---- white oak----- yellow-poplar-----	--- --- 80 80 90	--- --- 57.00 57.00 86.00	---
GlE: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	Virginia pine----- eastern white pine-- northern red oak---- white oak----- yellow-poplar-----	--- --- 80 80 90	--- --- 57.00 57.00 86.00	---

Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
GsD3: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	Virginia pine----- eastern white pine-- northern red oak---- white oak----- yellow-poplar-----	--- --- 80 80 90	--- --- 57.00 57.00 86.00	---
Upshur-----	4R	Moderate	Severe	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak---- white oak----- yellow-poplar-----	70 70 70 70 80	114.00 57.00 57.00 57.00 72.00	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
GuE3: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	Virginia pine----- black oak----- northern red oak---- white oak----- yellow-poplar-----	--- 80 80 80 90	--- 57.00 57.00 57.00 86.00	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Upshur-----	4R	Severe	Severe	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak---- yellow-poplar-----	70 70 70 80	114.00 57.00 57.00 86.00	---
HaA: Hackers-----	4A	Slight	Slight	Slight	Slight	Severe	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	--- --- 80 85 90	--- --- 57.00 114.00 86.00	---
Melvin-----	---	---	---	---	---	---	---	---	---	---
HaB: Hackers-----	4A	Slight	Slight	Slight	Slight	Severe	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	--- --- 80 85 90	--- --- 57.00 114.00 86.00	---
KaA: Kanawha-----	4A	Slight	Slight	Slight	Slight	Severe	black locust----- black oak----- black walnut----- eastern white pine-- northern red oak---- white ash----- white oak----- yellow-poplar-----	--- 80 --- --- 80 80 80 90	--- 57.00 --- --- 57.00 100.00 57.00 86.00	---
Melvin-----	---	---	---	---	---	---	---	---	---	---
KaB: Kanawha-----	4A	Slight	Slight	Slight	Slight	Severe	black locust----- black oak----- black walnut----- eastern white pine-- northern red oak---- white ash----- white oak----- yellow-poplar-----	--- 80 --- --- 80 80 80 90	--- 57.00 --- --- 57.00 100.00 57.00 86.00	---

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
LaD: Laidig-----	4R	Moderate	Severe	Slight	Slight	Moderate	Virginia pine----- black cherry----- black locust----- black walnut----- eastern white pine-- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	75 80 80 --- 90 80 80 80 80 90	114.00 57.00 57.00 --- 172.00 57.00 57.00 100.00 57.00 86.00	---
LaE: Laidig-----	4R	Moderate	Severe	Slight	Slight	Moderate	Virginia pine----- black cherry----- black locust----- black walnut----- eastern white pine-- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	75 80 80 --- 90 80 80 80 80 90	114.00 57.00 57.00 --- 172.00 57.00 57.00 100.00 57.00 86.00	---
LdB: Laidig-----	4A	Slight	Slight	Slight	Slight	Moderate	Virginia pine----- black cherry----- black locust----- black walnut----- eastern white pine-- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	75 80 80 --- 90 80 80 80 80 90	114.00 57.00 57.00 --- 172.00 57.00 57.00 100.00 57.00 86.00	---
Andover-----	---	---	---	---	---	---	---	---	---	---
LdC: Laidig-----	4A	Slight	Slight	Slight	Slight	Moderate	Virginia pine----- black cherry----- black locust----- black walnut----- eastern white pine-- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	75 80 80 --- 90 80 80 80 80 90	114.00 57.00 57.00 --- 172.00 57.00 57.00 100.00 57.00 86.00	---
Andover-----	---	---	---	---	---	---	---	---	---	---
MgB: Monongahela-----	4A	Slight	Slight	Slight	Moderate	Moderate	Virginia pine----- black cherry----- black walnut----- eastern white pine-- northern red oak---- white ash----- white oak----- yellow-poplar-----	70 --- --- 80 70 --- 70 80	114.00 --- --- 143.00 57.00 --- 57.00 72.00	---
Robertsville-----	---	---	---	---	---	---	---	---	---	---
MgC: Monongahela-----	4A	Moderate	Slight	Slight	Moderate	Moderate	Virginia pine----- black cherry----- black walnut----- eastern white pine-- northern red oak---- white ash----- white oak----- yellow-poplar-----	70 --- --- 80 70 --- 70 80	114.00 --- --- 143.00 57.00 --- 57.00 72.00	---

Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
Fluvaquents-----	---	---	---	---	---	---	---	---	cu ft/ac	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Melvin-----	---	---	---	---	---	---	---	---	---	---
Uk:										
Urban Land-----	---	---	---	---	---	---	---	---	---	---
Kanawha-----	4A	Slight	Slight	Slight	Slight	Severe	black locust-----	---	---	---
							black oak-----	80	57.00	
							black walnut-----	---	---	
							eastern white pine--	---	---	
							northern red oak----	80	57.00	
							white ash-----	80	100.00	
							white oak-----	80	57.00	
							yellow-poplar-----	90	86.00	
Melvin-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Ut:										
Urban Land-----	---	---	---	---	---	---	---	---	---	---
Tyler-----	4W	Slight	Slight	Moderate	Severe	Severe	American sycamore---	---	---	---
							Virginia pine-----	---	---	
							eastern white pine--	---	---	
							northern red oak----	80	57.00	
							pin oak-----	90	72.00	
							red maple-----	---	---	
							slippery elm-----	---	---	
							white ash-----	86	114.00	
							yellow-poplar-----	90	100.00	
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Robertsville-----	---	---	---	---	---	---	---	---	---	---
VaB:										
Vandalia-----	4C	Slight	Slight	Slight	Slight	Moderate	Virginia pine-----	70	114.00	---
							eastern white pine--	---	---	
							northern red oak----	70	57.00	
							white oak-----	70	57.00	
							yellow-poplar-----	80	72.00	
VaC:										
Vandalia-----	4C	Moderate	Slight	Slight	Slight	Moderate	Virginia pine-----	70	114.00	---
							eastern white pine--	---	---	
							northern red oak----	70	57.00	
							white oak-----	70	57.00	
							yellow-poplar-----	80	72.00	
VaD:										
Vandalia-----	4R	Moderate	Severe	Slight	Slight	Moderate	Virginia pine-----	80	114.00	---
							eastern white pine--	---	---	
							northern red oak----	80	57.00	
							white oak-----	80	57.00	
							yellow-poplar-----	90	86.00	
VaE:										
Vandalia-----	4R	Severe	Severe	Slight	Slight	Moderate	Virginia pine-----	80	114.00	yellow-poplar
							eastern white pine--	---	---	
							northern red oak----	80	57.00	
							white oak-----	80	57.00	
							yellow-poplar-----	90	86.00	

Table E2.--Forestland Management and Productivity--Continued

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